



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

# FEMA Region 6 Weather Threat Briefing

Sunday, April 26, 2015

Issued: 0800 CT

**Day 1 Hazards:** *Slight risk for severe weather over OK/TX/SW AR and N LA.*

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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# Key Points



## Today

- **Slight risk of severe weather over OK/TX into AR and nrn LA**
  - Large hail, damaging winds will be the main threats
  - Isolated tornadoes will be possible though the evening.
- **Elevated to critical fire conditions continue for E NM/W TX**

## Monday

- **Severe weather threat continues on Monday over the eastern half of TX and into southern LA**
- **Isolated heavy rain possible across western OK/NW TX**

## Tuesday - Thursday

- **No Significant Weather Impacts**

# \*FEMA Region 6 Threat Matrix

Apr 26, 2015 - Apr 30, 2015

DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Storms	OK/TX SW AR/nrn LA	E TX/LA			
Heavy Rain /Flooding	OK/NW TX	Wrn OK/S LA			
Fire	E NM/W TX				
Heat					

-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



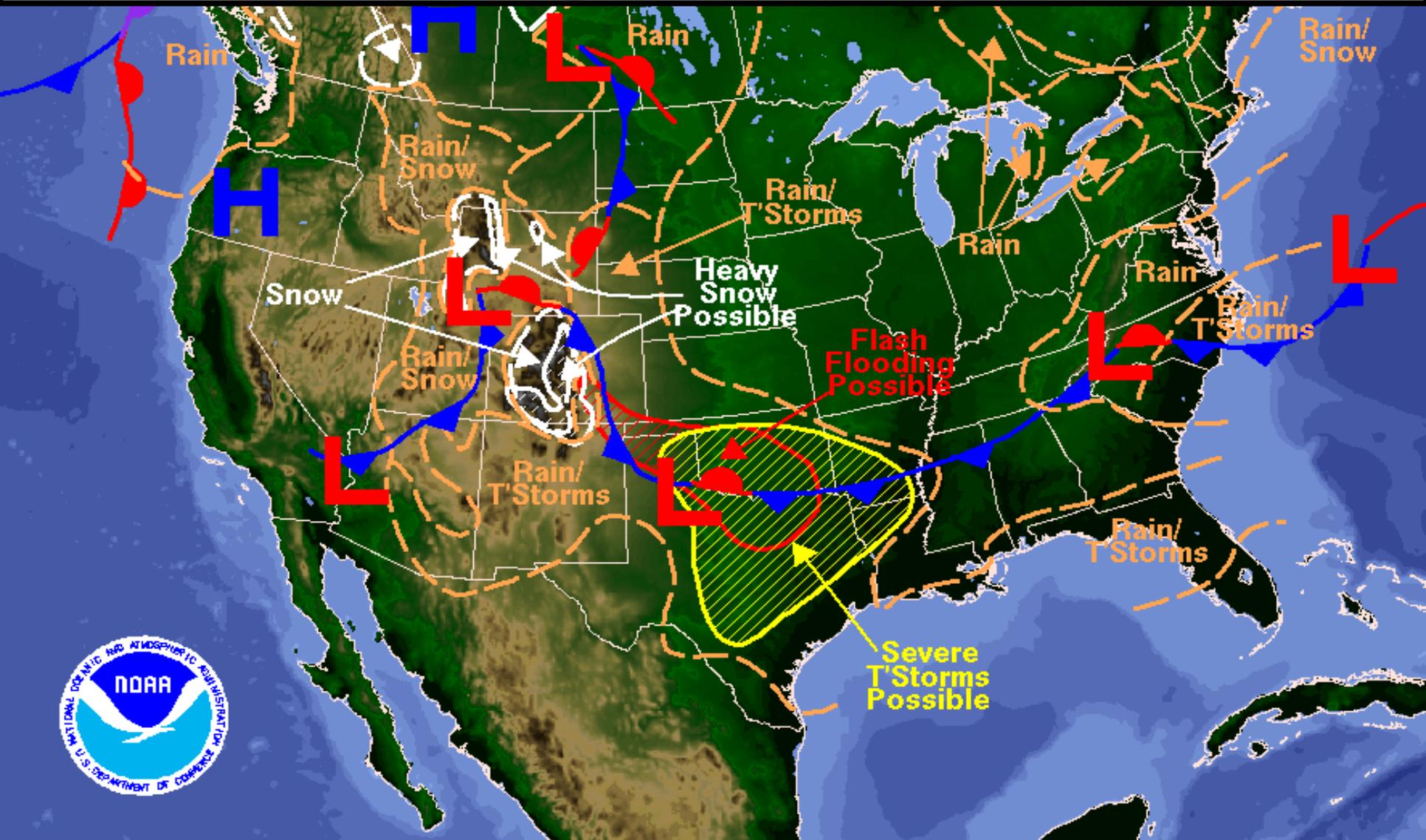
**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**



**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<p><b>Very Common – Happens Often</b></p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC</p> <p>Flooding: Minor flooding expected over localized areas</p> <p>Tropical: None</p>	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<p><b>Common – Happens Frequently</b></p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Minor Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC</p> <p>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas</p> <p>Tropical: A weak tropical wave expected to move towards or near any coastline</p>	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<p><b>Uncommon – A Few Times a Year</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable</p> <p>Impact Potential: Typically Results in Large Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC</p> <p>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas</p> <p>Tropical: A Tropical Storm expected to move towards or near any coastline</p>	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<p><b>Rare – Once every 1-5 Years</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed</p> <p>Impact Potential: Will likely result in Major Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC</p> <p>Flooding: Moderate flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Hurricane expected to move towards or near any coastline</p>	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<p><b>Very Rare – Once Every 5-10 Years</b></p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed</p> <p>Impact Potential: Typically results in Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC</p> <p>Flooding: Major flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline</p>	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

# Today's Weather



Weather Forecast for Sun, Apr 26, 2015, issued 4:35 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong based on WPC, SPC and NHC forecasts

# Day 1 Weather Hazards

Valid: 0800 Sun - 0800 Mon



Elevated to critical fire weather conditions this afternoon due to low humidity and gusty winds

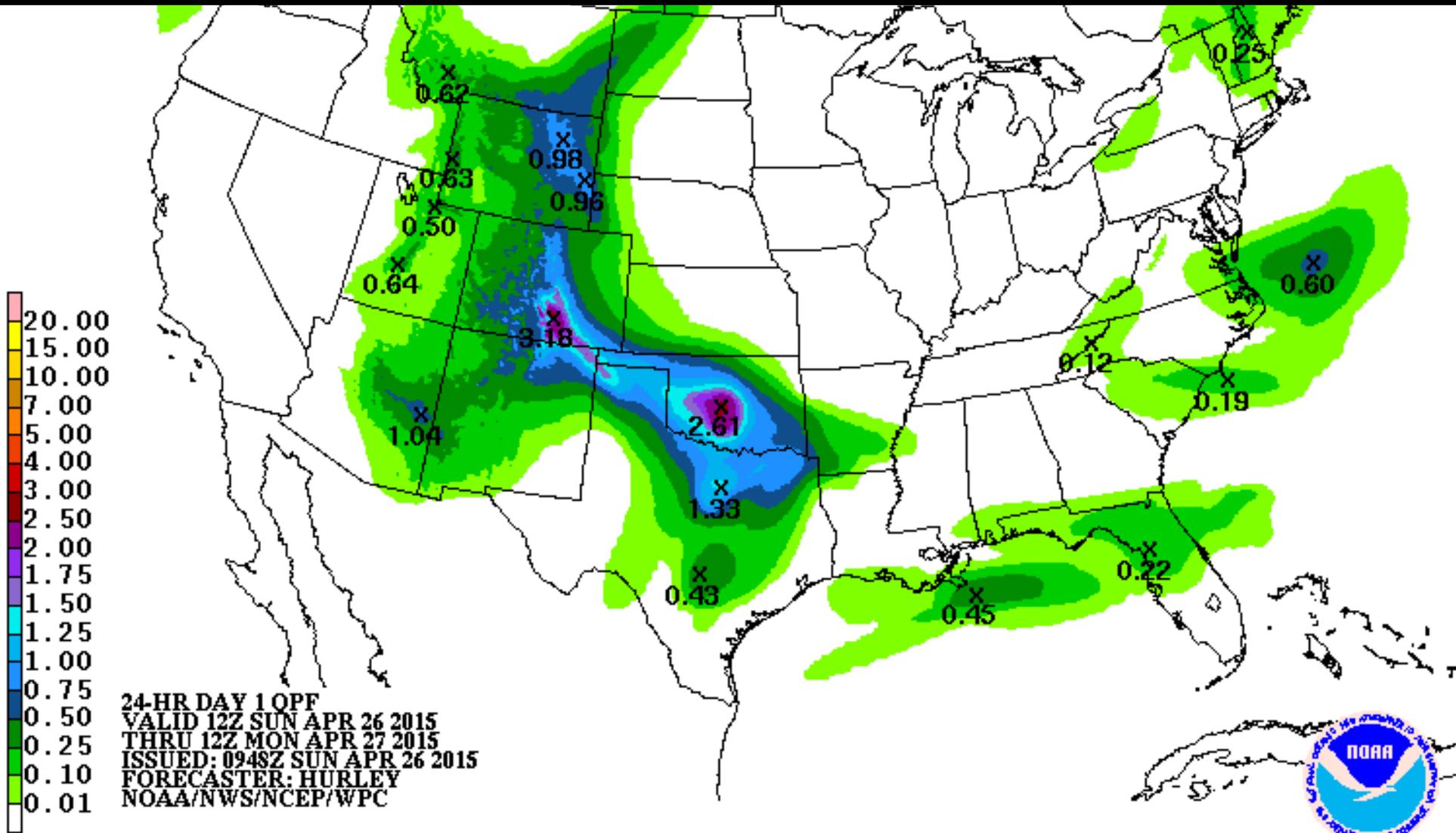
Severe weather possible on Sunday afternoon and evening

-  Very Common – Happens Often
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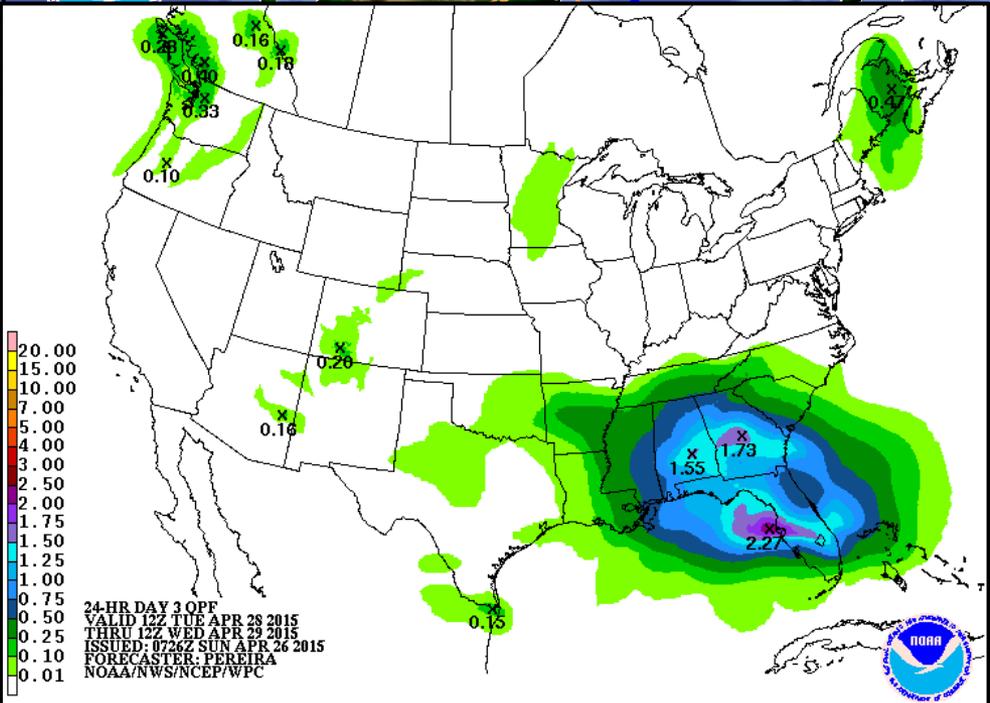
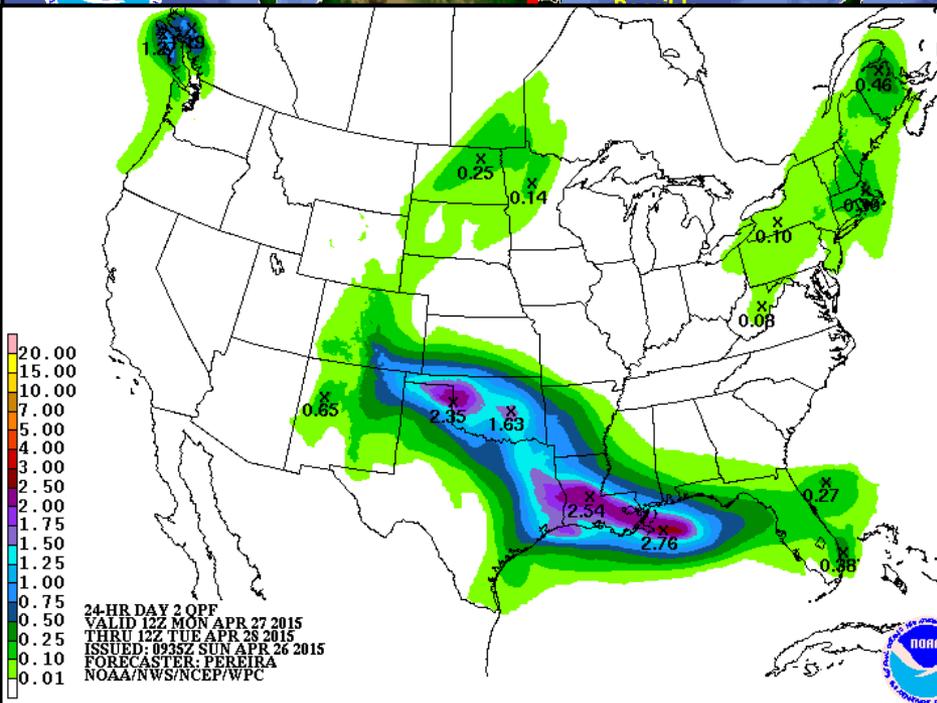
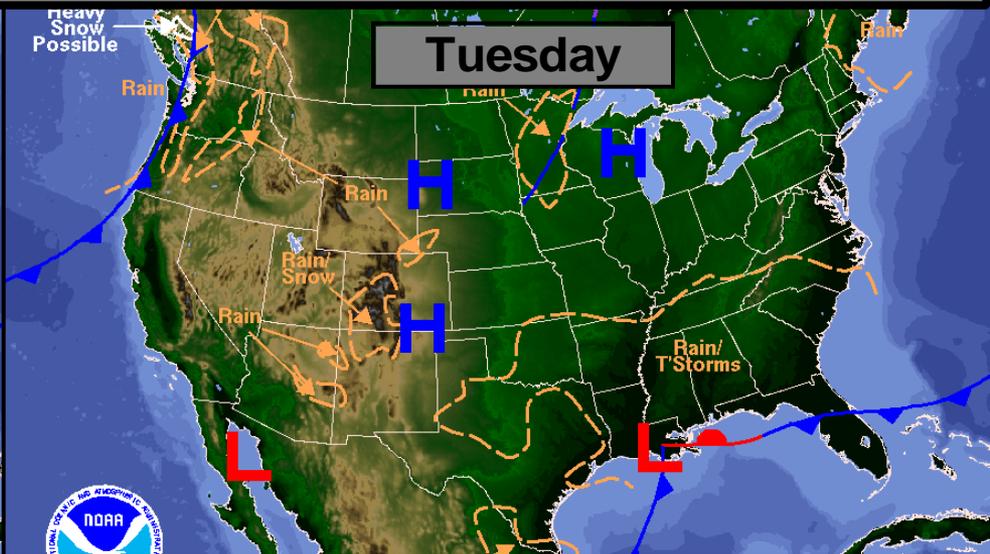
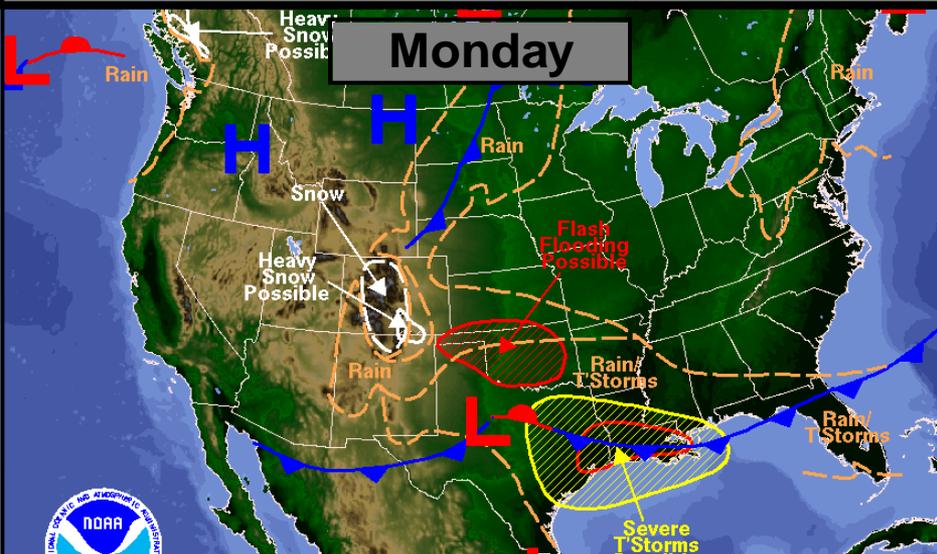
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# Today's Precipitation

## Sun AM - Mon AM

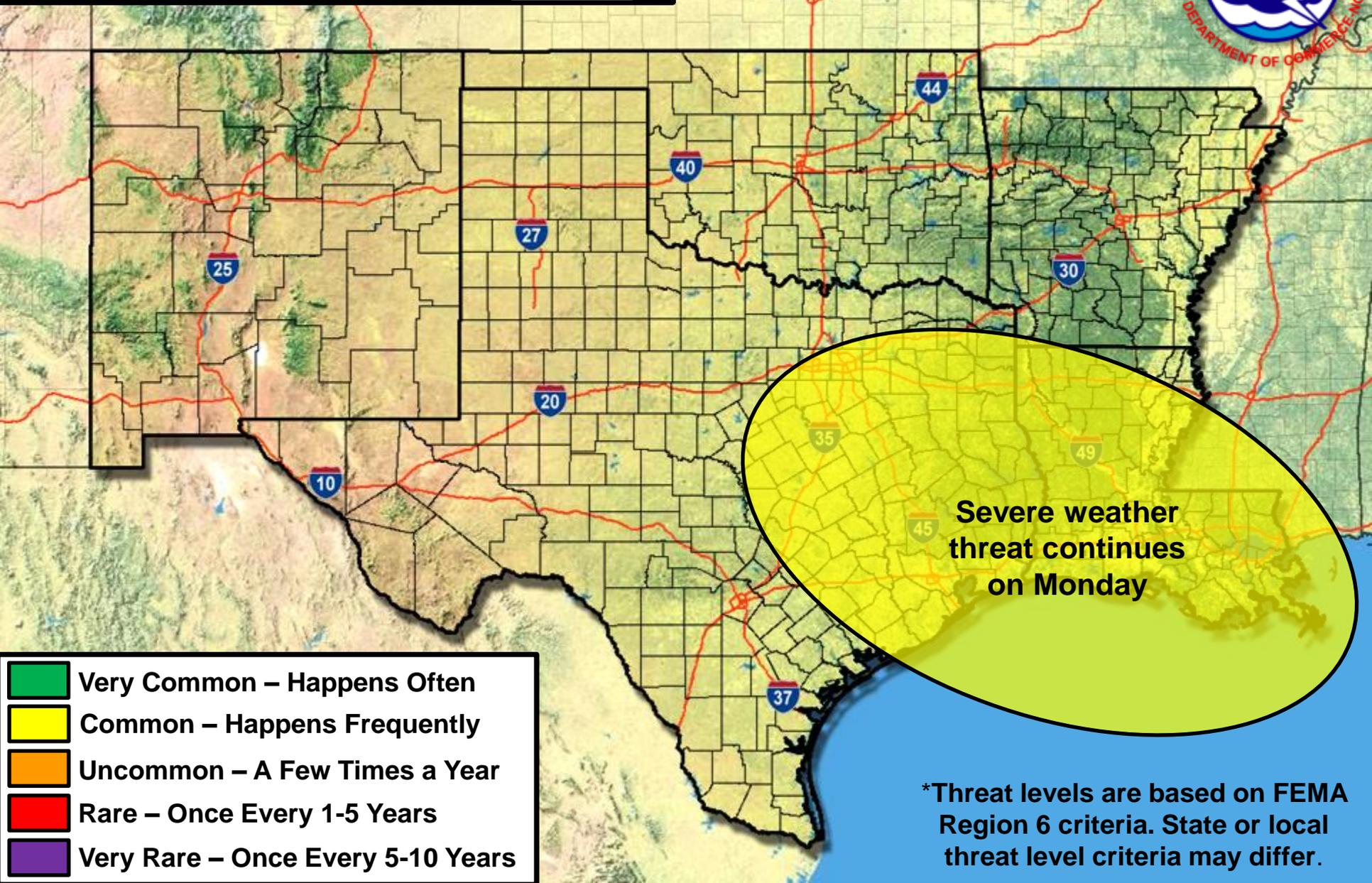


# Day 2-3 Weather Maps/Precipitation



# Day 2-3 Weather Hazards

Valid: 0800 Mon - 0800 Wed



-  Very Common – Happens Often
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# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri

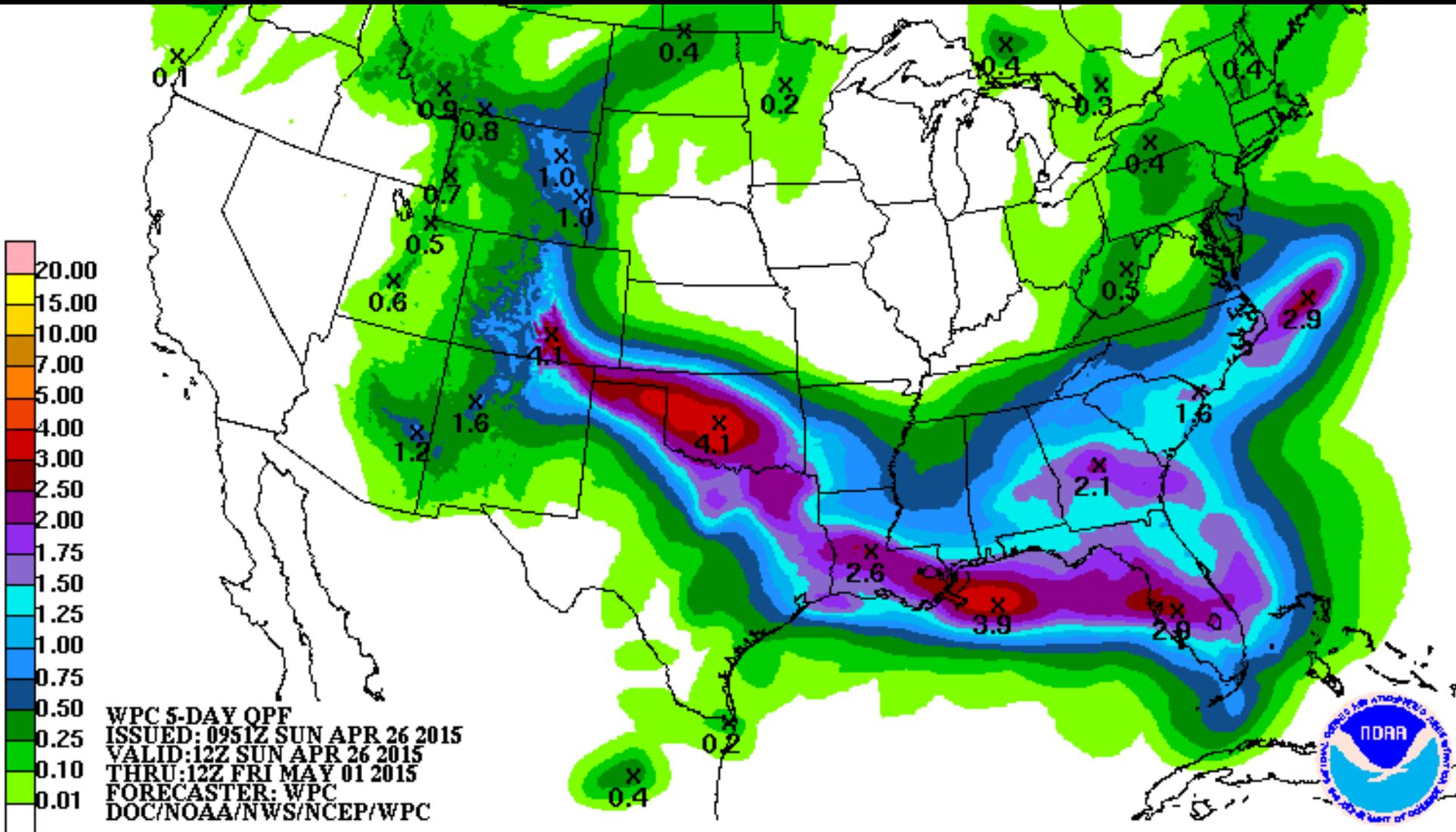


No Significant Weather Impacts

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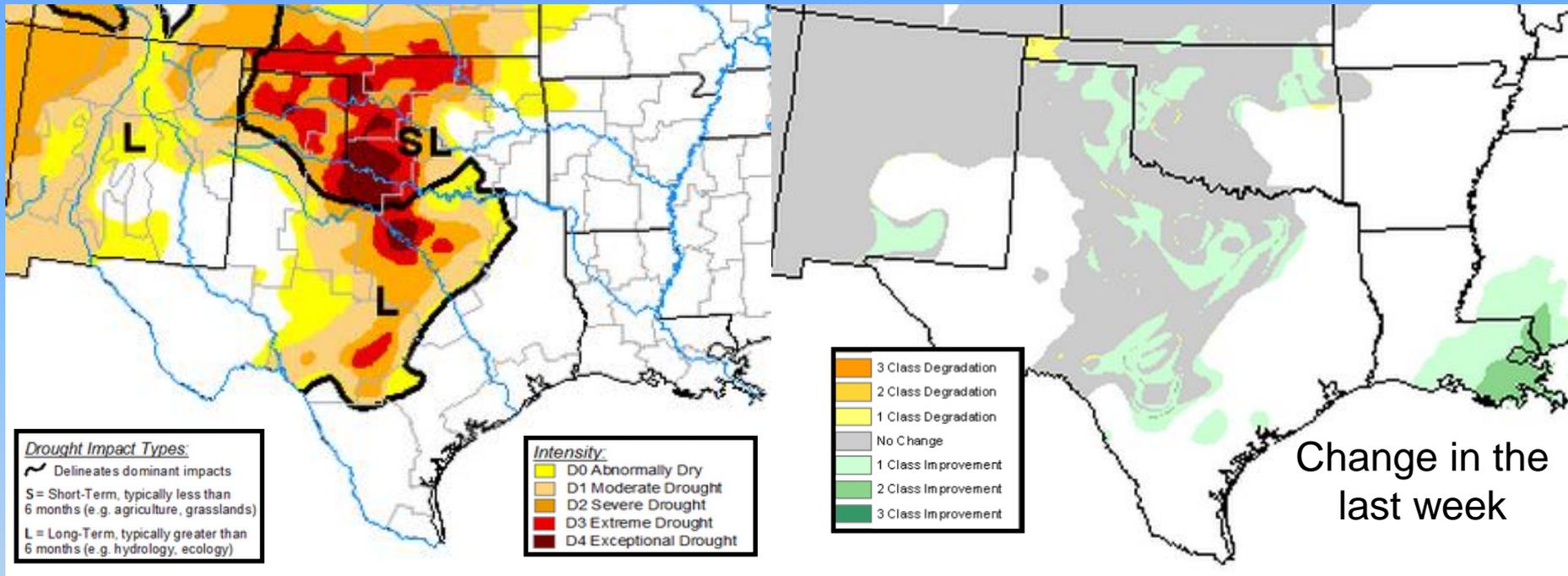
# 5-Day Precipitation Sun AM - Fri AM





# Drought Monitor Released April 23rd, 2015

Data valid as of Tuesday, April 21st, 2015 at 7AM EST



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	37.13%	39.72%	22.58%	37.86%
Texas	9.35%	14.91%	11.34%	32.67%
New Mexico	0.00%	0.00%	3.70%	24.86%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

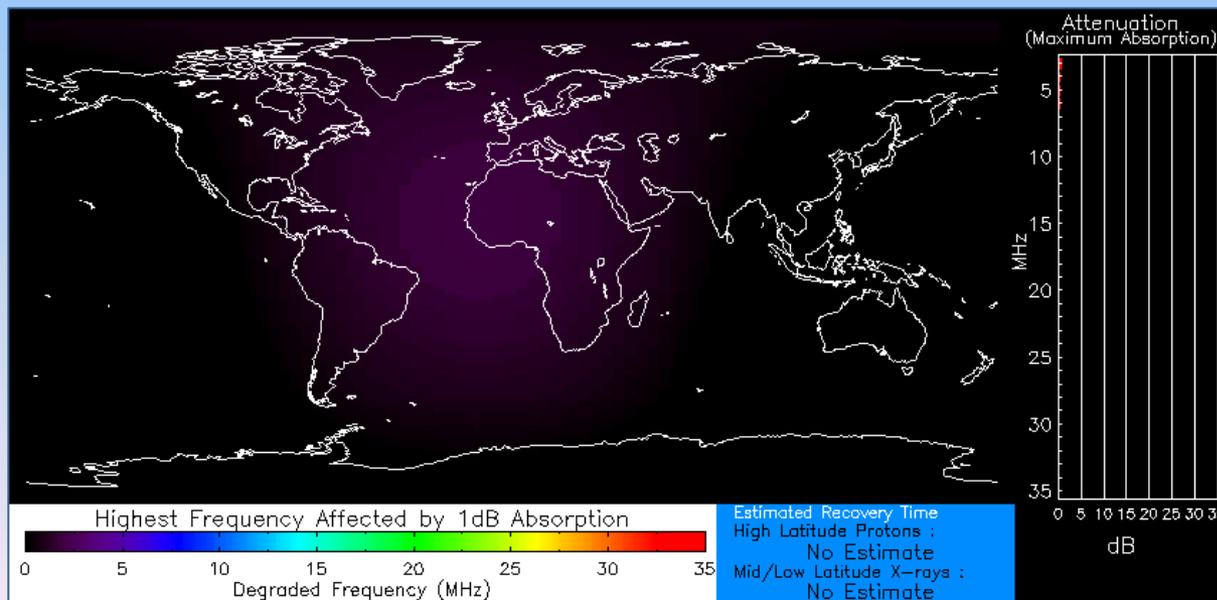
# Space Weather 3-Day Forecast



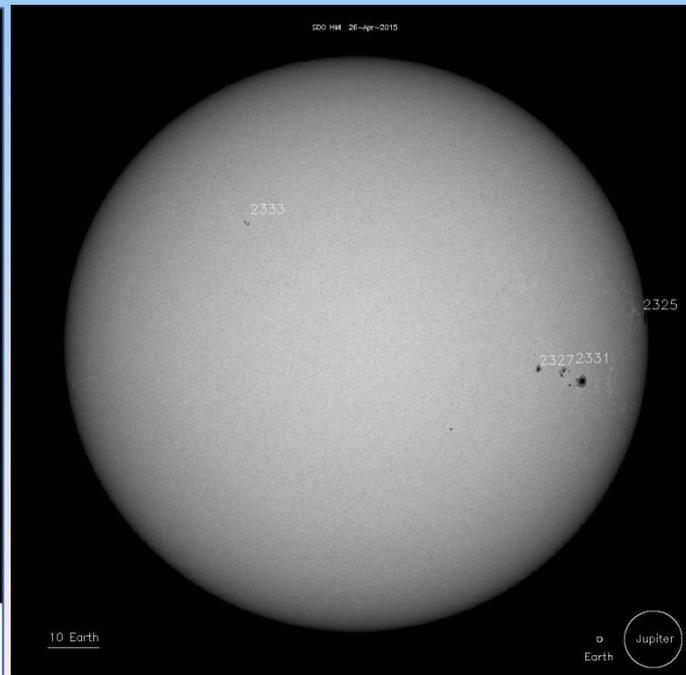
	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Estimated Recovery Time  
 High Latitude Protons : No Estimate  
 Mid/Low Latitude X-rays : No Estimate



Normal X-ray Background  
 Product Valid At : 2015-04-26 12:49 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

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